

What Is Claimed Is:

1. A recording apparatus comprising:

file generation means for generating files which contain video or audio signals;

characteristic point information generation means for generating the characteristic point information of said video or audio signals contained in the files for each file generated by said file generation means; and

recording means for recording said files and characteristic point information in a recording medium.

2. A recording apparatus as claimed in claim 1, wherein said characteristic point information is a head position finding information, pointer information, slot_info (), or video_attribute.

3. A recording apparatus as claimed in claim 1, wherein said video_attribute contains aspect_ratio or display_mode.

4. A recording apparatus as claimed in claim 1, wherein said recording means records said characteristic point information in said recording medium together.

5. A recording method including:

a file generation step for generating files which contain video or audio signals;

a characteristic point information generation step

for generating the characteristic point information of said video or audio signals contained in the files for each file generated by said file generation step; and

a recording step for recording said files and characteristic point information in a recording medium.

6. A distribution medium for distributing a program which is possible to be read by a computer for controlling an information processing apparatus to perform processing including:

a file generation step for generating files which contain video or audio signals;

a characteristic point information generation step for generating the characteristic point information of said video or audio signals contained in the files for each file generated in said file generation step; and

a recording step for recording said files and characteristic point information in a recording medium.

7. A reproducing apparatus comprising:

file reproducing means for reproducing files which contain video or audio signals recorded in a recording medium;

characteristic point information reproducing means for reproducing the characteristic point information of said video or audio signals contained in the file recorded in said recording medium for each file reproduced by said file

regeneration means; and

reproduction control means for controlling reproduction of said files based on said characteristic point information reproduced by said characteristic point information reproducing means.

8. A reproducing method including:

a file reproducing step for reproducing files containing video or audio signals recorded in a recording medium;

a characteristic point information reproducing step for reproducing the characteristic point information of said video or audio signals contained in the file recorded in said recording medium for each file reproduced in said file reproduction step; and

a reproduction control step for controlling reproduction of said file based on said characteristic point information reproduced in said characteristic point information reproducing step.

9. A distribution medium for distributing a program which is possible to be read by a computer for controlling an information processing apparatus to perform processing including:

a file reproducing step for reproducing files containing video or audio signals recorded in a recording

medium;

a characteristic point information reproducing step for reproducing the characteristic point information of said video or audio signals contained in the file recorded in said recording medium for each file reproduced in said file reproducing step; and

a reproduction control step for controlling reproduction of said file based on said characteristic point information reproduced in said characteristic point information reproducing step.

10. A recording apparatus comprising:

input means for receiving an input signal which contains at least video signals;

characteristic point information detection means for detecting the characteristic point information of said video signal based on a signal contained in said input signal;

video signal recording means for recording at least the video signal out of signals contained in said input signal in a recording medium; and

characteristic point information write means for writing said characteristic point information in a recording medium.

11. A recording method including:

an input step for receiving an input signal which

contains at least video signals;

an characteristic point information detection step for detecting the characteristic point information of said video signal based on a signal contained in said input signal;

a video signal recording step for recording at least video signals out of signals contained in said input signals in a recording medium; and

a characteristic point information write step for writing said characteristic point information in a recording medium.

12. A distribution medium for distributing programs which are possible to be read by a computer for controlling an information processing apparatus to perform processing including:

an input step for receiving an input signal which contains at least a video signal;

a characteristic point information detection step for detecting the characteristic point information of said video signal based on a signal contained in said input signal;

a video signal recording step for recording at least a video signal out of signals contained in said input signal in a recording medium; and

a characteristic point information write step for writing said characteristic point information in a recording

medium.

13. A recording/reproducing apparatus comprising:
file generation means for generating files which
contain video or audio signals;

characteristic point information generation means for
generating the characteristic point information of said video
or audio signals contained in the files for each file generated
by said file generation means, a recording means for recording
said files and characteristic point information in a recording
medium;

file reproducing means for reproducing files which
contain video or audio signals recorded in a recording medium;

characteristic point information reproducing means
for reproducing the characteristic point information of said
video or audio signals contained in the file recorded in said
recording medium for each file reproduced by said file
regeneration means; and

reproduction control means for controlling
reproduction of said files based on said characteristic point
information reproduced by said characteristic point information
reproducing means.

14. A recording/reproducing method including:
a file generation step for generating files which
contain video or audio signals;

a characteristic point information generation step for generating the characteristic point information of said video or audio signals contained in the files for each file generated by said file generation step;

a recording step for recording said files and characteristic point information in a recording medium;

a file reproducing step for reproducing files containing video or audio signals recorded in a recording medium;

a characteristic point information reproducing step for reproducing the characteristic point information of said video or audio signals contained in the file recorded in said recording medium for each file reproduced in said file reproduction step; and

a reproduction control step for controlling reproduction of said file based on said characteristic point information reproduced in said characteristic point information reproducing step.

15. A distribution medium for distributing programs which are possible to be read by a computer for controlling an information processing apparatus to perform processing including:

a file generation step for generating files which contain video or audio signals;

a characteristic point information generation step for generating the characteristic point information of said video or audio signals contained in the files for each file generated in said file generation step;

a recording step for recording said files and characteristic point information in a recording medium;

a file reproducing step for reproducing files containing video or audio signals recorded in a recording medium;

a characteristic point information reproducing step for reproducing the characteristic point information of said video or audio signals contained in the file recorded in said recording medium for each file reproduced in said file reproducing step; and

a reproduction control step for controlling reproduction of said file based on said characteristic point information reproduced in said characteristic point information reproducing step.